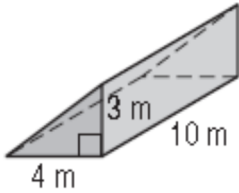


TARGET A

Name _____ Date _____

Find the area of the base, lateral area, surface area, and volume for each prism. **Round all answers to the nearest tenth if necessary.**

1.



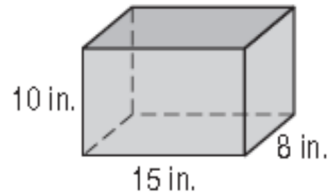
Area of base = _____

LA = _____

SA = _____

Volume = _____

2.



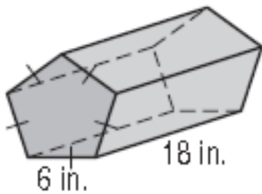
Area of base = _____

LA = _____

SA = _____

Volume = _____

3.



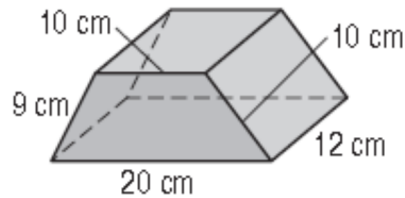
Area of base = _____

LA = _____

SA = _____

Volume = _____

4.



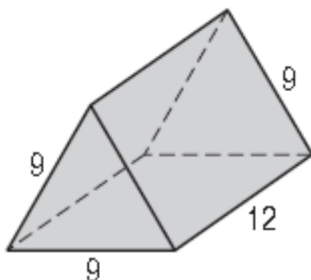
Area of base = _____

LA = _____

SA = _____

Volume = _____

5.



Area of base = _____

LA = _____

SA = _____

Volume = _____

TARGET A (ANSWERS)

1. area of base = 6m^2

$$\text{LA} = 120\text{ m}^2$$

$$\text{SA} = 132\text{ m}^2$$

$$\text{V} = 60\text{ m}^3$$

2. area of base = 120 in^2

$$\text{LA} = 460\text{ in}^2$$

$$\text{SA} = 700\text{ in}^2$$

$$\text{V} = 1200\text{ in}^3$$

3. area of base = 45 in^2

$$\text{LA} = 540\text{ in}^2$$

$$\text{SA} = 630\text{ in}^2$$

$$\text{V} = 810\text{ in}^3$$

4. area of base = 60 cm^2

$$\text{LA} = 588\text{ cm}^2$$

$$\text{SA} = 708\text{ cm}^2$$

$$\text{V} = 720\text{ cm}^3$$

5. area of base = 35.1

$$\text{LA} = 324$$

$$\text{SA} = 394.1$$

$$\text{V} = 421.2$$